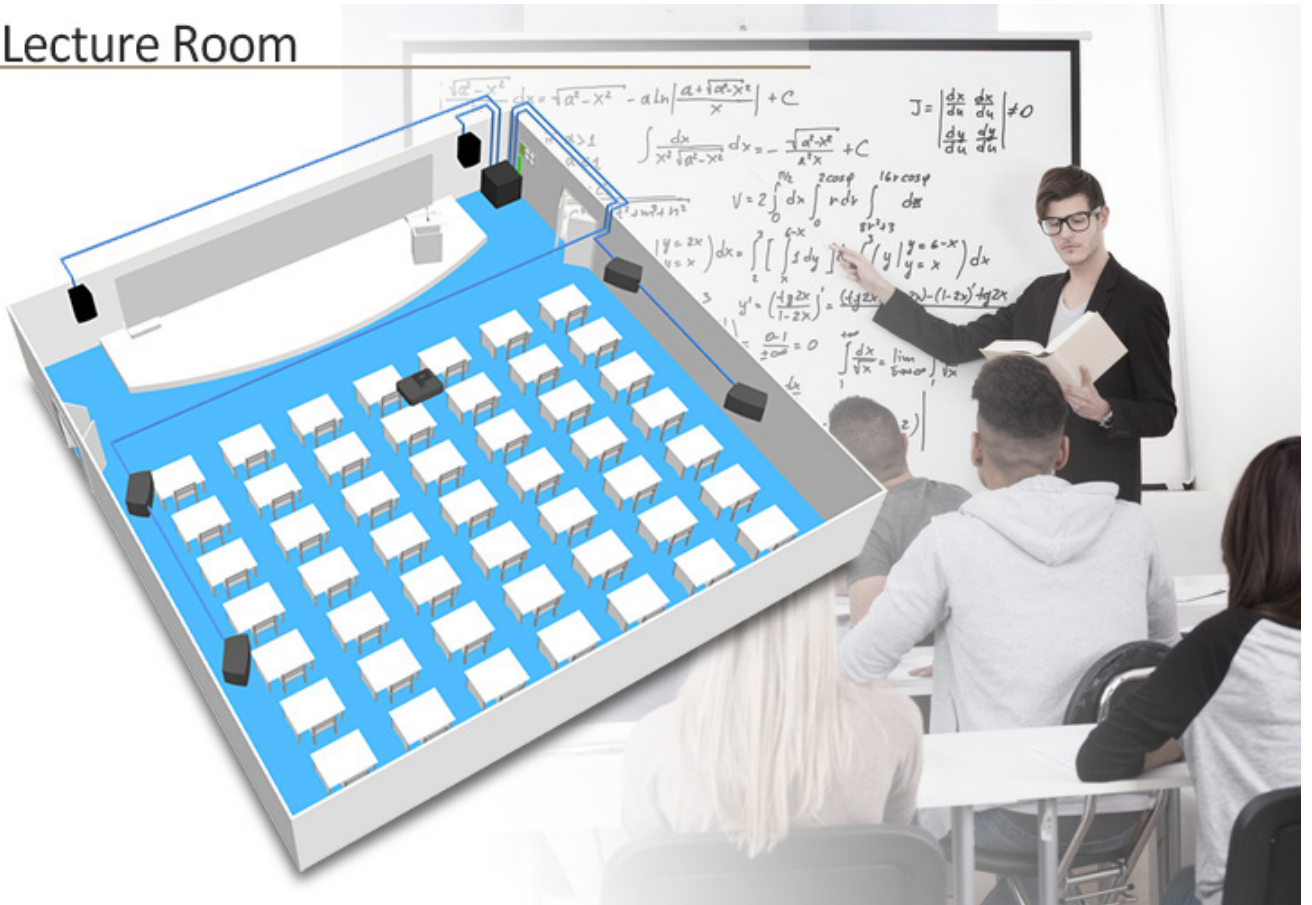


Lecture Room



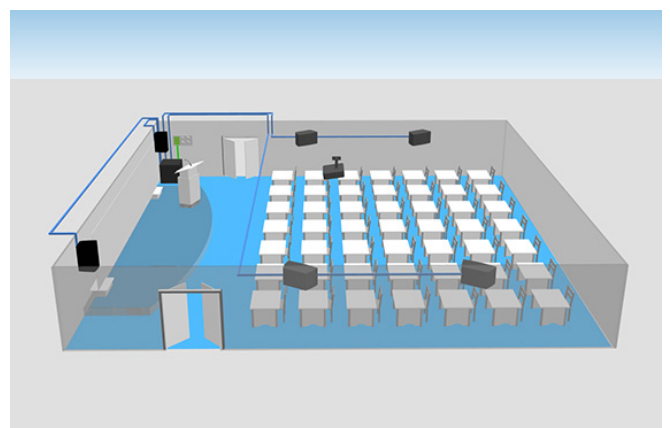
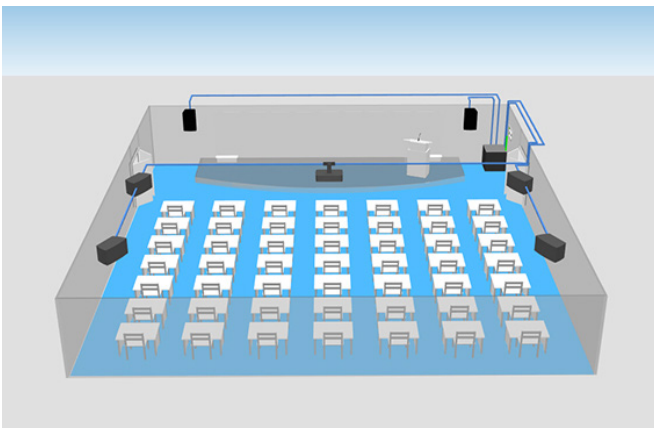
High quality audio for lectures

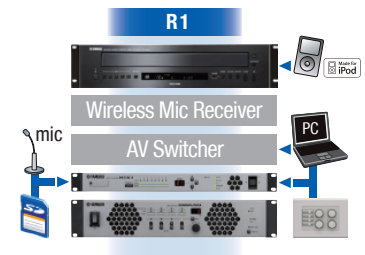
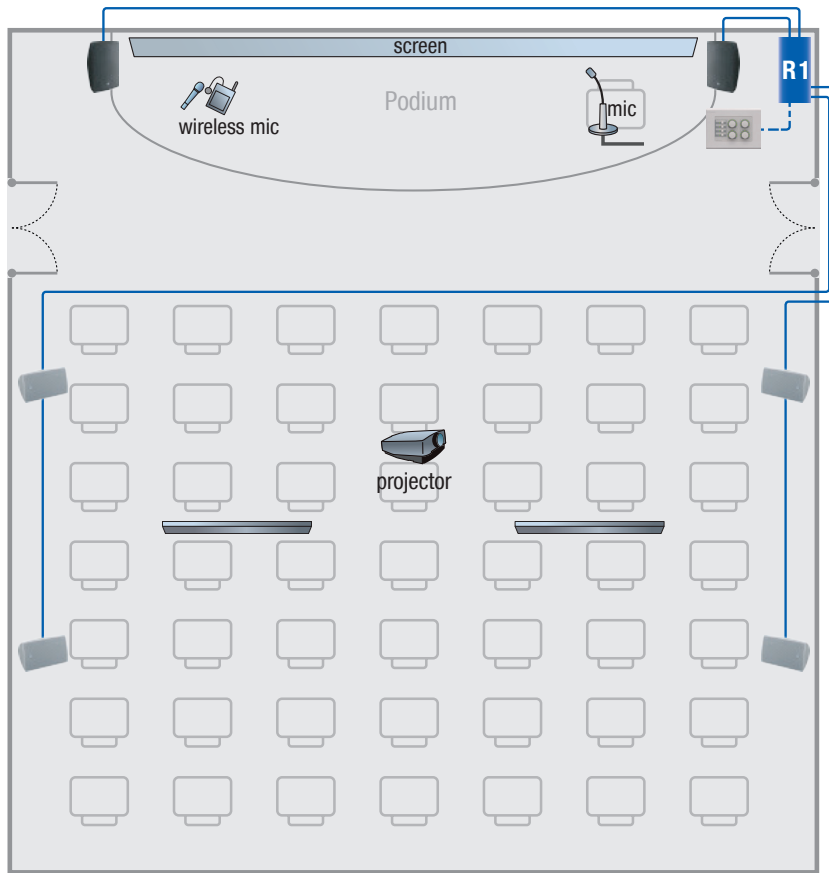
System Overview

A stereo speaker system is installed to the left and right of a video screen at the front of the room to provide high-quality stereo sound. Two more stereo pairs are installed to the left and right of the seating area near the back of the room so that sufficient volume reaches the furthest participants. Microphones, computers, and all playback devices are located in one spot, while source selection and volume adjustment are carried out from a single controller for simple, centralized day-to-day operation.

Key Features

- Yamaha CIS speaker systems deliver high quality, well defined sound that is ideal for both music and speech delivery.
- The wide coverage of the speakers themselves plus dedicated brackets with tilt and pan adjustment makes it easy to target the desired service area.
- MTX matrix processors include a number of functions that can aid in optimizing audio quality for lectures, including high-pass filtering, equalization, and speaker processing.






1m


Component List


| Name | VXS5 speaker | VXS8 speaker | DCP4V4S controller | XMV4280 amplifier | MTX3 matrix |
|------|---------------------|--------------|--------------------|-------------------|-------------|
| | | | | | |
| Qty | 4 | 2 | 1 | 1 | 1 |
| Name | CD-C600RK CD player | | | | |
| | | | | | |
| Qty | 1 | | | | |


Cable List


| Name | analog cable | speaker cable: 8 Ω | CAT5E cable |
|--------|--------------|--------------------|-------------|
| Length | 10m | 90m | 10m |


| | |
|--|---|
| VXS5 speaker  | Speaker type 2-way, Bass reflex Components LF 5.25" Cone HF 0.75" Soft dome Coverage Angle (H x V) 120° x 120° Nominal Impedance 8Ω Power Rating PGM 150W Sensitivity (1W,1m) 89dB SPL Frequency Range (-10dB) 62Hz - 20kHz Connectors 1x Euroblock (4P) (Input: + / -, Loop Thru: + / -) Transformer Taps 70V 30W (170Ω), 15W (330Ω), 7.5W (670Ω), 3.8W (1.3kΩ) 100V 30W (330Ω), 15W (670Ω), 7.5W (1.3kΩ) Environmental IP35 Dimensions (W x H x D) 176 x 280 x 163mm (6.9 x 11.0 x 6.4") Weight 3.6kg (7.9lbs) |
|--|---|

| | |
|--|---|
| MTX3 matrix  | Mixing Capacity Mixing Channel : 8 Mono + 3 Stereo + 2 Effect Return + 8 Insert Output Busses : 8 Mono Input CH Functions Mono CH : 3-band PEQ, Comp, Gate, Auto Gain Control, Feedback suppressor (only available in ch 1-4) Stereo CH: 3-band PEQ, Comp, Auto Gain Control Sampling frequency 48kHz / 44.1kHz Signal delay Less than 2.5ms (AD-DA @48kHz) Frequency Response 20Hz to 20kHz, +0.5dB, -1.5dB Dynamic range 107dB (Gain:-6dB) Power Requirements AC100V-240V; 50Hz / 60Hz Dimensions (W x H x D) 480 x 44 x 362mm (18.9" x 1.7" x 14.3") Weight 4.8kg (10.6lbs) |
|--|---|

| | |
|---|--|
| VXS8 speaker  | Speaker type 2-way, Bass reflex Components LF 8" Cone HF 1" Soft dome Coverage Angle (H x V) 100° x 100° Nominal Impedance 8Ω Power Rating PGM 180W Sensitivity (1W,1m) 91dB SPL Frequency Range (-10dB) 51Hz - 20kHz Connectors 1x Euroblock (4P) (Input: + / -, Loop Thru: + / -) Transformer Taps 70V 60W (83Ω), 30W (170Ω), 15W (330Ω), 7.5W (670Ω) 100V 60W (170Ω), 30W (330Ω), 15W (670Ω) Environmental IP35 Dimensions (W x H x D) 278 x 430 x 239mm (10.9 x 16.9 x 9.4") Weight 8.2kg (18.1lbs) |
|---|--|

| | |
|--|--|
| CD-C600RK CD player  | Frequency Response (±0.5dB) 20Hz-20kHz Harmonic Distortion+Noise ≤0.003% Signal-to-Noise Ratio ≥105dB Dynamic range ≥96 dB Output Level 2±0.3V (1kHz, 0dB) Dimensions (W x H x D) 480 x 116 x 405mm (18.9" x 4-5/8" x 16") Weight 6.9kg (15.2lbs) |
|--|--|

| | |
|--|--|
| DCP4V4S controller  | Connectors 2x RJ45 Wiring Max cable length up to 200m, Up to 8 controllers per 1MTX with CAT5 cable Control RS485, Power over Ethernet Dimensions (WxHxD) US: 162 x 120 x 47mm (6.4 x 5.5 x 1.9") EU: 147 x 86 x 47mm (5.8 x 3.4 x 1.9") not including wall box Weight US: 235g (0.52lbs) EU: 175g (0.39lbs) |
|--|--|

| | |
|---|---|
| XMV4280 Amplifier  | Output Power 4Ω / 8Ω 280W x 4 1kHz, THD+N = 1% 4Ω/ Double Power Mode 560W x 2 8Ω/ Double Power Mode 560W x 2 High impedance 100V line/70V line 250W x 4 Voltage Gain RL=8Ω 31.7dB RL=8Ω/Double Power Mode 34.7dB 100V 38.2dB 70V 35.2dB +4dBu Input Sensitivity RL=8Ω S/N Ratio A-weighted ≥ 100dB THD+N 1kHz, half power ≤ 0.2% Frequency Response RL=8Ω, 100V/70V, Po=1W, 0dB, ±1.0dB 20Hz - 20kHz Maximum Input Level +24dBu Power Requirements 100V, 120V, 230V-240V; 50Hz/60Hz Dimensions (WxHxD) 480 x 88 x 422mm (18.9" x 3.5" x 16.6") Weight 8.1kg (17.9lbs) |
|---|---|